2 SPARK TOOL SET

SPARK TOOL SET

To repair or replace the bearings of the pivot points of Spark we offer following articles:

Item	Description
223289-222	Tool set swingarm Spark 2012
223301-223	Swingarm Repair Kit Spark 2012
223302-222	Igus Bushing Set Spark 2012 CST/SST
223303-222	Ind. Bearing Set Spark 2012 CST/SST

The tool set will contain, beside all tools in stainless steel quality, a CD showing all steps of the bearing disassembly and assembly as well as all needed technical data as e.g. tightening torques etc.

The Swingarm Rep Set will contain beside the bearings all nuts and bolts to replace all moving parts or parts of wear and tear of a Spark bike.

Pls have a look at following pics giving you an overview about all needed steps and please make sure to use Loctite BLUE (still removable) on all screws:

The bearings are standard size and can also be ordered in local hardware stores, in case customers do not want to replace all parts.

One frame needs following bearings:

6 x 6802 (24mmx15mmx5mm)

Beside this set Scott will also offer an "endurance kit" to replace the IGUS bushings in the seatstays with an industrial bearing kit.

This kit can be ordered at Scott:

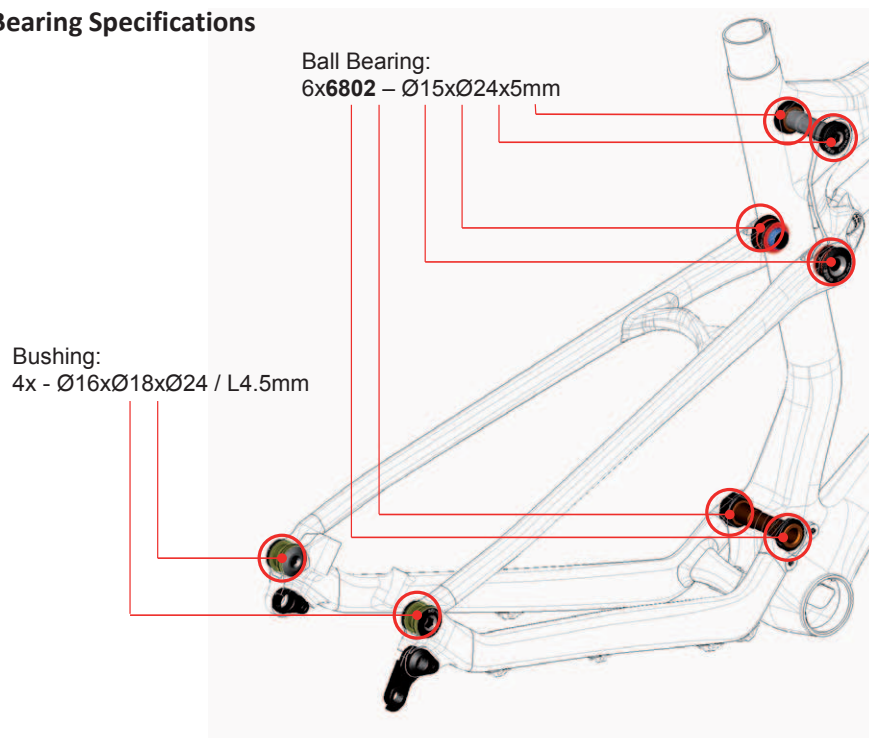| 223303-222	Ind. Bearing Set Spark 2012 CST/SST

In case you want to buy the IGUS bushing kit separately you can order it with

223302-222	Igus Bushing Set Spark 2012 CST/SST

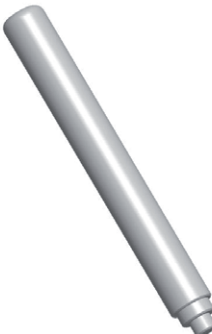# SPARK TOOL SET

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Bearing Specifications

Ball Bearing:
6x**6802** – Ø15xØ24x5mm

Bushing:
4x - Ø16xØ18xØ24 / L4.5mm
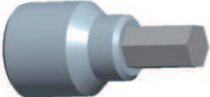
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Scott Bearing Service Kit Contents			
M8 x 40 Bolt, Nut, Washers		Axle Punch	Bearing Punch
6802 Plate – Linkage Bearings	6802 Press – Linkage Bearings 2x		

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Required Tools		
Nylon Hammer		
13mm Spanner	22mm Spanner	
Torque Wrench	8mm Allen Key Socket	
6mm Allen Key	8mm Allen Key	Loctite - Blue/ Medium

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Dropout Pivot Disassemble

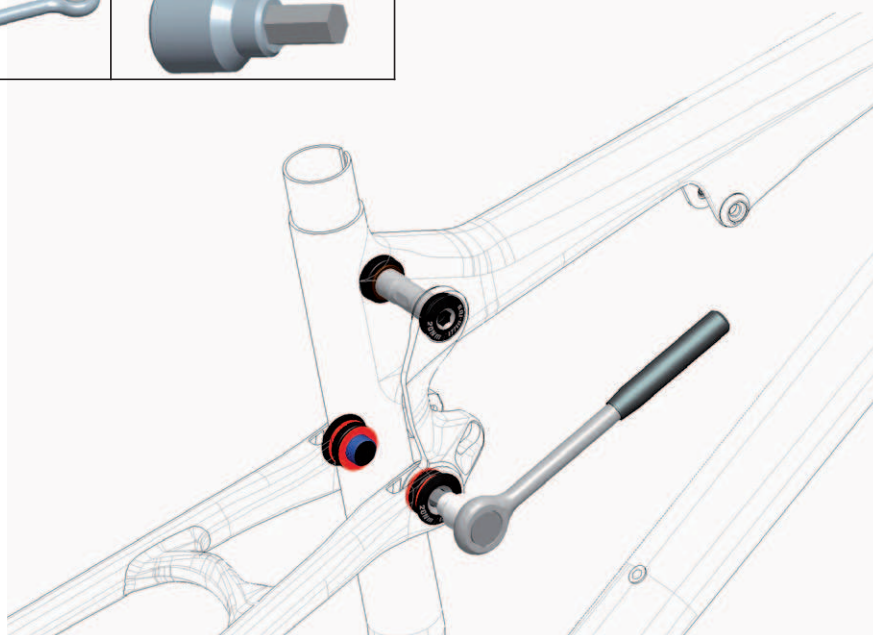| Torque Wrench	8mm Allen Key Socket	8mm Allen Key

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Linkage Pivot Disassemble

Torque Wrench	8mm Allen Key Socket

6

Linkage Pivot Disassemble

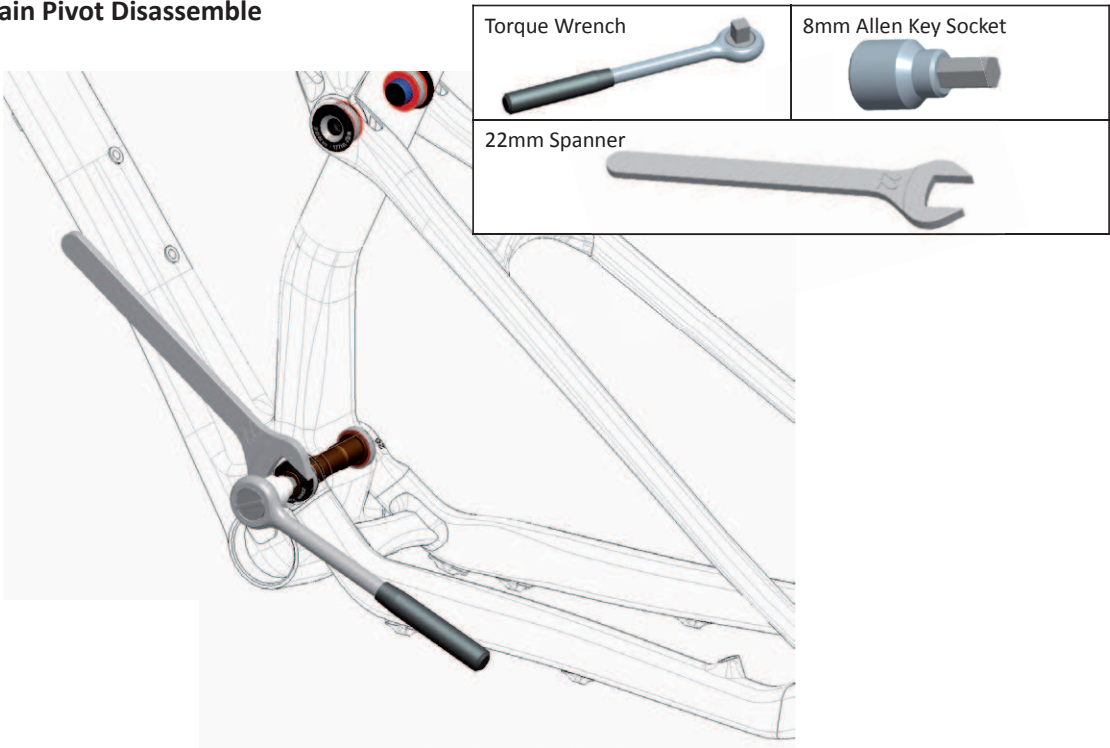| Torque Wrench	8mm Allen Key Socket	8mm Allen Key
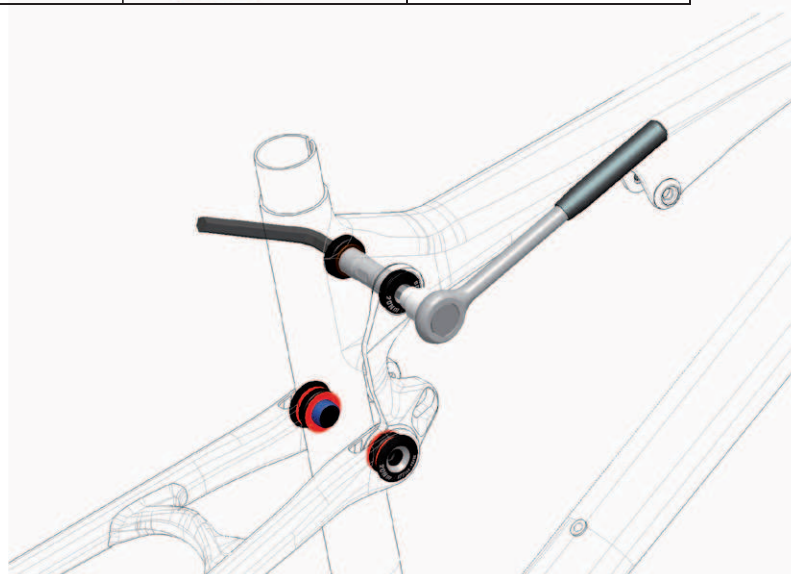
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Linkage Pivot Disassemble

Axle Punch	Nylon Hammer

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Main Pivot Disassemble

Torque Wrench	8mm Allen Key Socket
22mm Spanner	
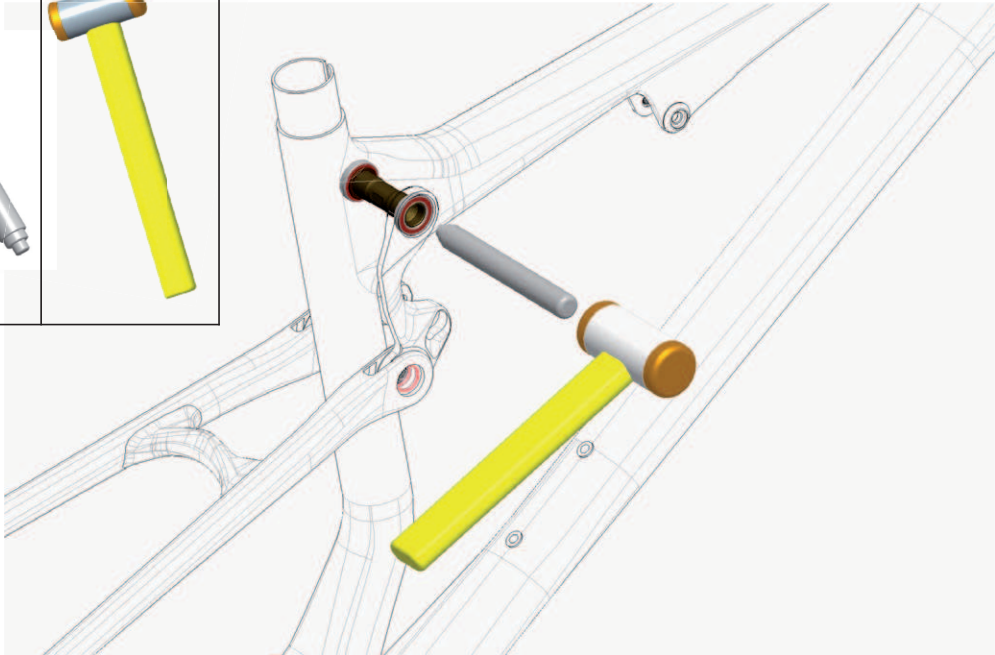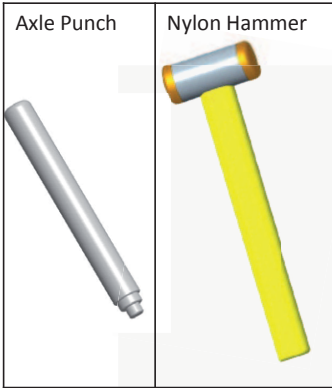
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Main Pivot Disassemble

Axle Punch	Nylon Hammer

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Bearing Removal

Nylon Hammer
Bearing Punch
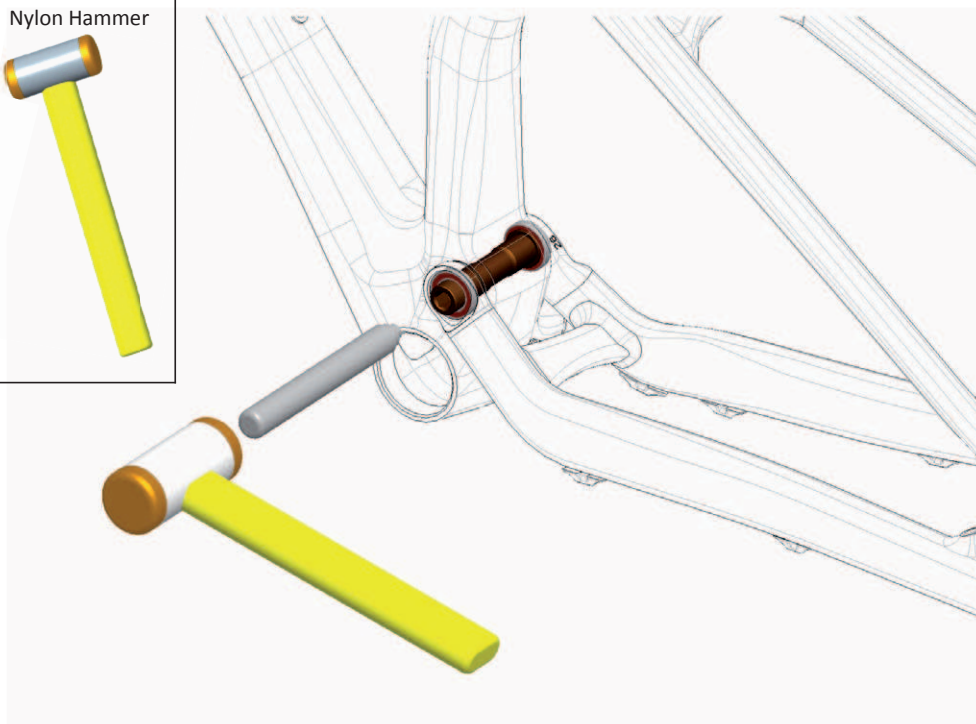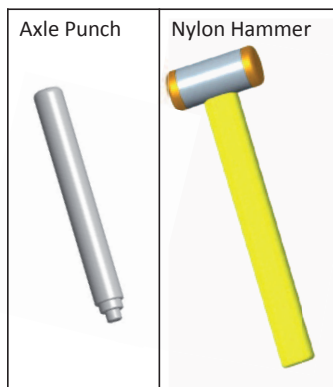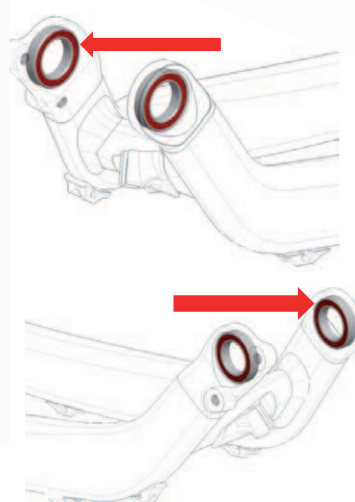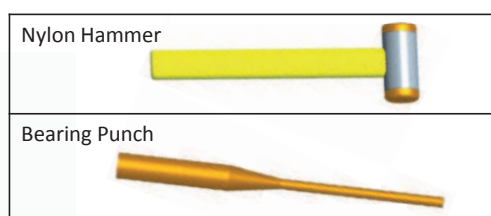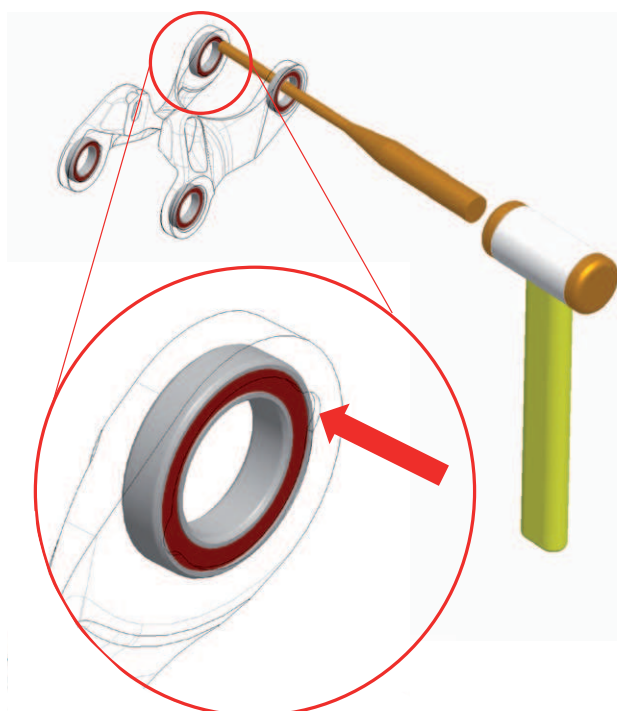
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Dropout Bushing Install

M8 x 40 Bolt, Nut, Washers
2x 6802 Press
4x Bushings
13mm Spanner
6mm Allen Key

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Linkage Bearing Install

M8 x 40 Bolt, Nut, Washers	
6802 Plate	6802 Press
4x 6802 Bearing	
13mm Spanner	
6mm Allen Key	

6802 Press
6802 Plate
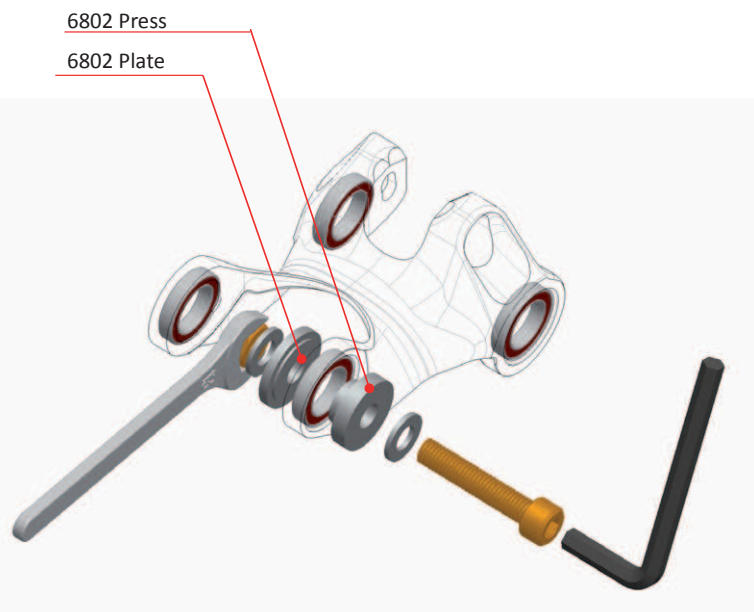
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Main Pivot Bearing Install

6802 Plate

6802 Press

M8 x 40 Bolt, Nut, Washers	
6802 Plate	6802 Press
2x 6802 Bearing	
13mm Spanner	
6mm Allen Key	

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Dropout Hardware Assembly

Loctite - Blue/ Medium
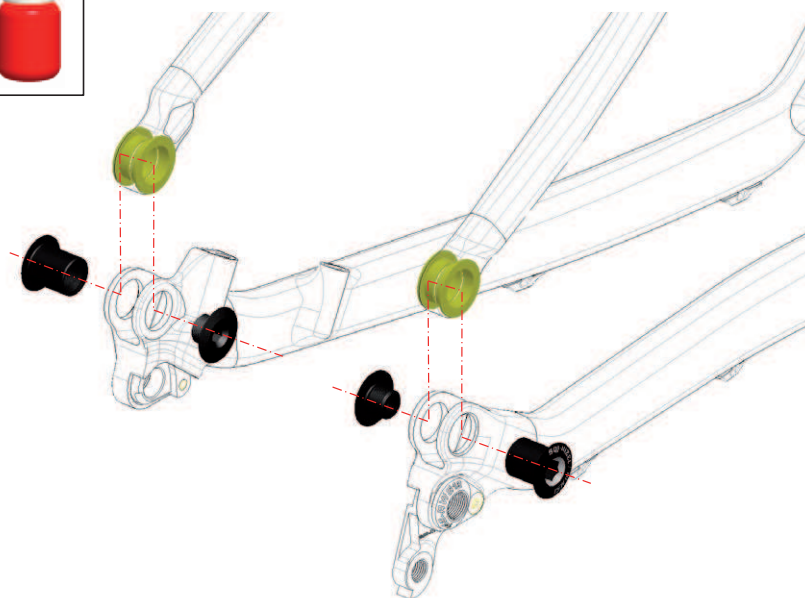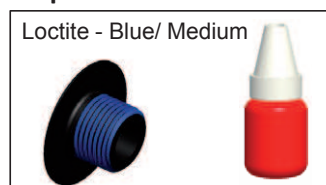
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Dropout Hardware Assembly

15 Nm
132 in-lbs

Torque Wrench	8mm Allen Key Socket	8mm Allen Key
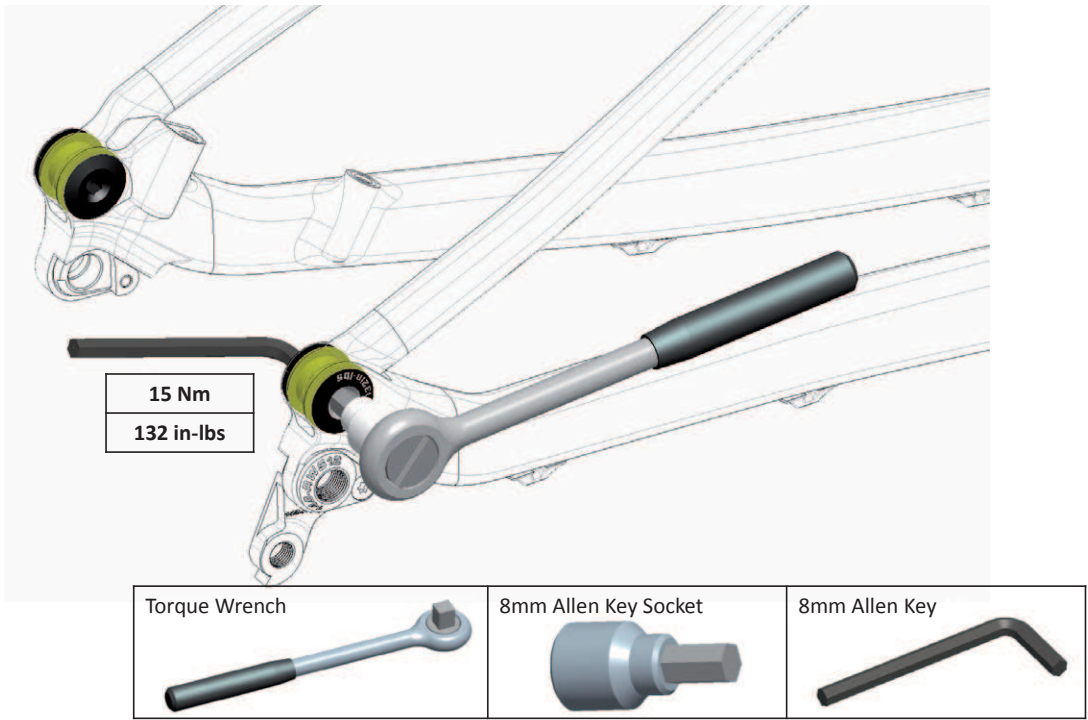
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Linkage Axle Pre-Assembly

Torque Wrench	8mm Allen Key Socket	13mm Spanner

Loctite - Blue/ Medium

20 Nm
177 in-lbs
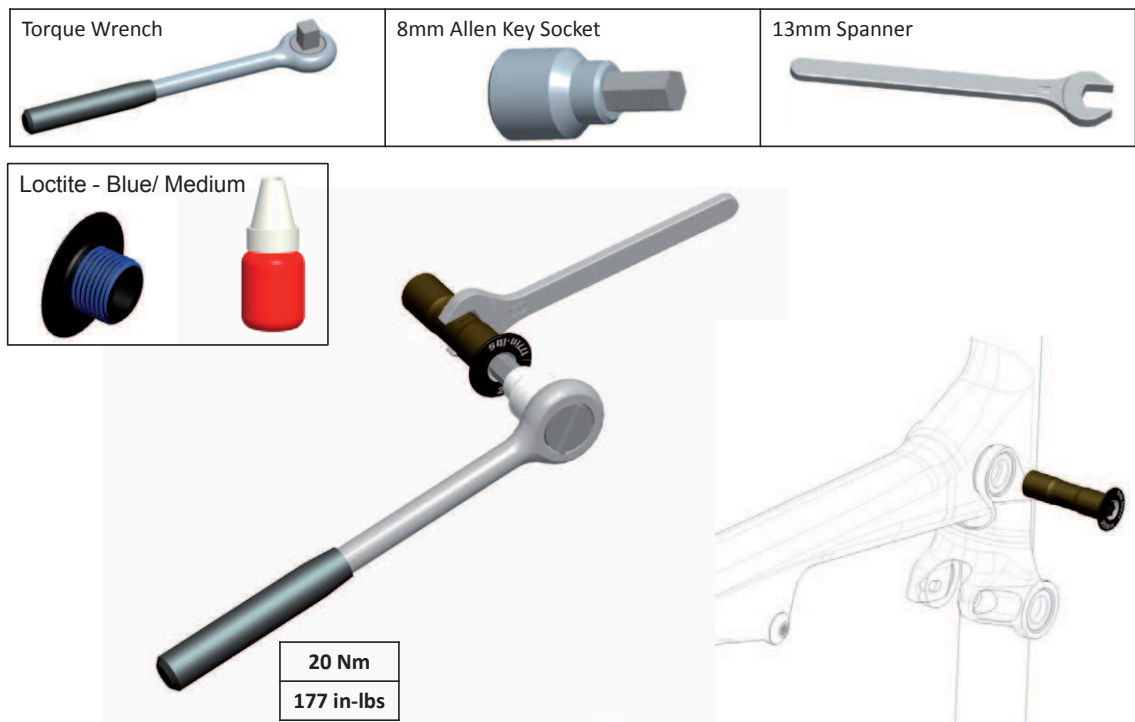
SPARK TOOL SET

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Linkage Hardware Assembly

Loctite - Blue/ Medium

✓

red

gold   gold

red
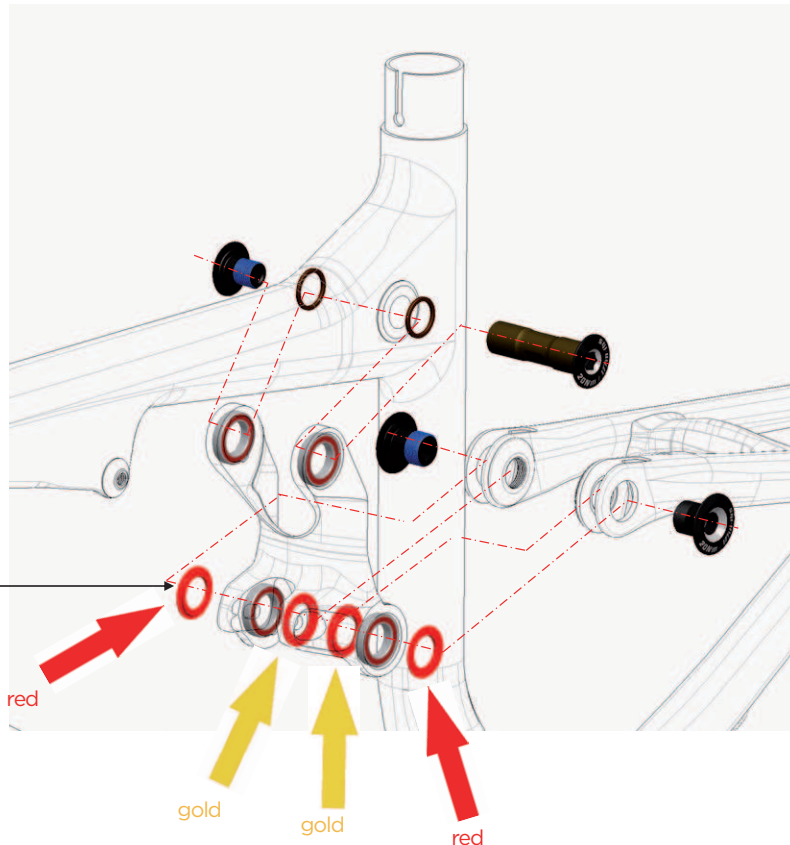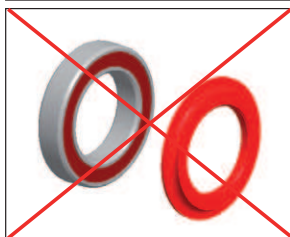
18

Linkage Hardware Assembly

Torque Wrench

8mm Allen Key Socket

8mm Allen Key

Loctite - Blue/ Medium

20 Nm

177 in-lbs

20 Nm

177 in-lbs
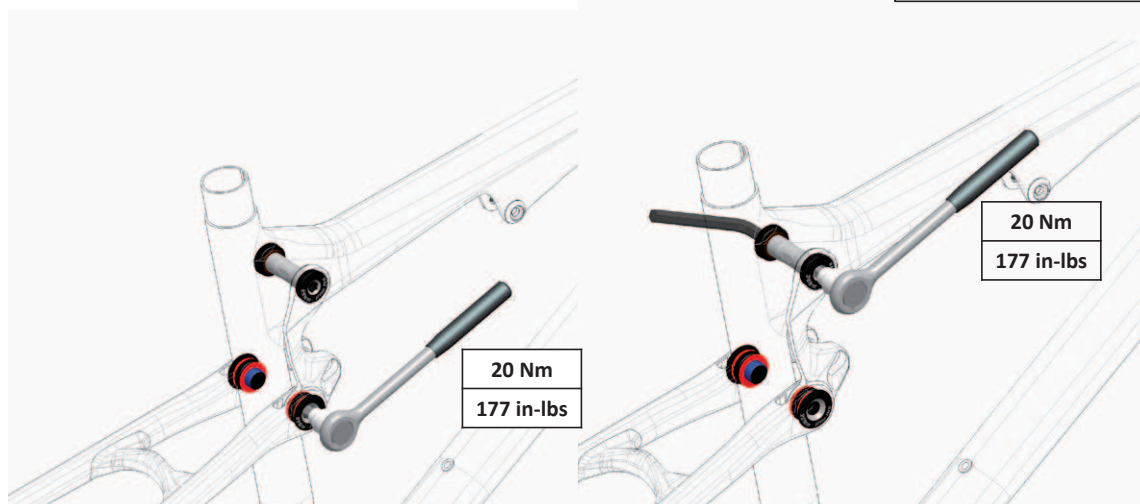
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Main Pivot Hardware Assembly

Loctite - Blue/ Medium

20

Main Pivot Hardware Assembly

Torque Wrench

8mm Allen Key Socket

22mm Spanner

25 Nm

220 in-lbs